

Registering Data via the CLU

This page family describes how to register collections or files in DME using the Command Line Utilities (CLU). If your user account has the Write or Own permission level on an existing collection in DME, you can register data into that collection in the following ways:

- If that existing collection has been configured to contain another collection, you can add a collection.
- If that existing collection has been configured to contain data files, you can add files.

You can also use the CLU to create an empty collection.

The character limit for each metadata value is 2700.

The following table compares the functionality available with each command:

Command	Command Allows You To	File Size	Metadata Extraction ¹
dm_register_dataobject (Using dm_register_dataobject and Updating Data File Metadata via the CLU)	Register a new file with metadata. or Update metadata of an existing file.	Up to 2 TB from Globus, AWS S3, or Google Cloud storage or Up to 10 GB from local system	Yes, for local system
dm_register_dataobject_presigned (Using dm_register_dataobject_presigned)	Register a new file with metadata.	Up to 2 GB (recommendation) from local system	No
dm_register_dataobject_multipart (Using dm_register_dataobject_multipart)	Register a new file with metadata.	Up to 2 TB from local system	No
dm_register_collection (Creating an Empty Collection via the CLU and Updating Collection Metadata via the CLU)	Register a new collection with metadata. or Update metadata for an existing collection.	NA	NA
dm_register_directory (Registering Directory Contents from Your Local System via the CLU)	Register a new collection from a specified directory (including subdirectories and files) with metadata.	Up to 2 TB from local system	Yes

Footnote 1: In the Metadata Extraction column, a "Yes" indicates you can extract metadata from the header of TIFF or BMP image files.